

ABSTRACT

A microchemical system is provided, which can improve the working efficiency of the user. In the 5 microchemical system 1, a plate-shaped element 10 that constitutes an optical unit 1a has an optical wave guide path 20, which acts as an optical path for exciting light and detecting light. An irradiation lens 30 is disposed at an end of the optical wave guide path 20 downstream in 10 the direction of travel of the exciting light and the detecting light, and a channel 40 is located downstream of the irradiation lens 30, through which a liquid containing a sample flows. A detector 50 is disposed at an end of the plate-shaped element 10 downstream of the 15 channel 40 and detects the detecting light for analysis of the sample.